



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rainer Ruggaber et al.  
Serial No. : 10/698,978  
Filed : October 31, 2003  
Title : A PUBLISH-SUBSCRIBE SYSTEM

Art Unit : 3629  
Examiner : Unknown

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Alexandria, VA 22313-1450

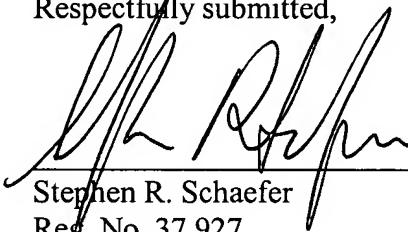
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. This application was filed after July 1, 2003; therefore, only copies of non-patent citations are being furnished.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Date: March 16, 2004

Respectfully submitted,

  
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| Substitute Form PTO-1449<br>(Modified)<br>MAR 19 2004<br>U.S. Patent & Trademark Office<br>Information Disclosure Statement<br>by Applicant<br>(Use several sheets if necessary)<br>(37 CFR § 1.98(b)) |  | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>13909-110001 | Application No.<br>10/698,978 |
|  |  | Applicant<br>Rainer Ruggaber et al.                        |                                       |                               |
|  |  | Filing Date<br>October 31, 2003                            | Group Art Unit<br>3629                |                               |

| U.S. Patent Documents |           |                 |                  |          |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | US-5151684 A    | 09-1992          | Johnsen  |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |
|   |           |                 |                  |                          |       |          | Yes No      |
|   | AB        | GB 2329301 A    | 03-1999          | UK                       |       |          |             |
|   | AC        | WO 02 01467 A   | 01-2002          | WIPO                     |       |          |             |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |   |
|---|-----------|---|
| Examiner Initial  | Desig. ID | Document  |
|   | AD        | Banavar, G., et al., "An Efficient Multicast Protocol for Content-Based Publish-Subscribe Systems," Proceedings of the 19 <sup>th</sup> International Conference on Distributed Computing Systems, ICDCS '99, Austin, TX, May 31 – June 4, 1999, International Conference on Distributed Computing Systems, Los Alamitos, CA: IEEE Computer Soc., US, May 31, 1999, pp. 262-272, XP000883611  |
|   | AE        | Segall, Bill and David Arnold, "Elvin Has Left the Building: A Publish/Subscribe Notification Service with Quenching," Distributed Systems Technology Centre, University of Queensland, September 1997, XP002152244 AU, retrieved from the Internet:<br><a href="http://elvin.dstc.edu.au/document/papers/auug97/AUUG97.html">http://elvin.dstc.edu.au/document/papers/auug97/AUUG97.html</a> |
|   | AF        | THE451, "KnowNow Unveils 'N-Way' EAI over the Internet," TechTarget Network, XP002259981, retrieved from the Internet:<br><a href="http://searchwebservices.techtarget.com/original/Content/0,289142,sid26_gci75182">http://searchwebservices.techtarget.com/original/Content/0,289142,sid26_gci75182</a>   |
|   | AG        | Triantafillou, P., et al., "Subscription Summaries for Scalability and Efficiency in Publish/Subscribe Systems," Proceedings of the 22 <sup>nd</sup> International Conference on Distributed Computing Systems Workshops (ICDCSW'02), July 2, 2002, pp. 619-624, XP010601590  |

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|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |